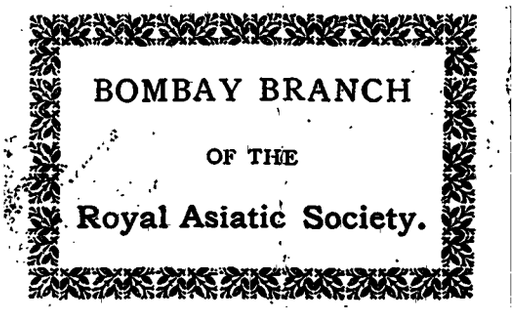
ANNUAL FACTORY REPORT

OF THE

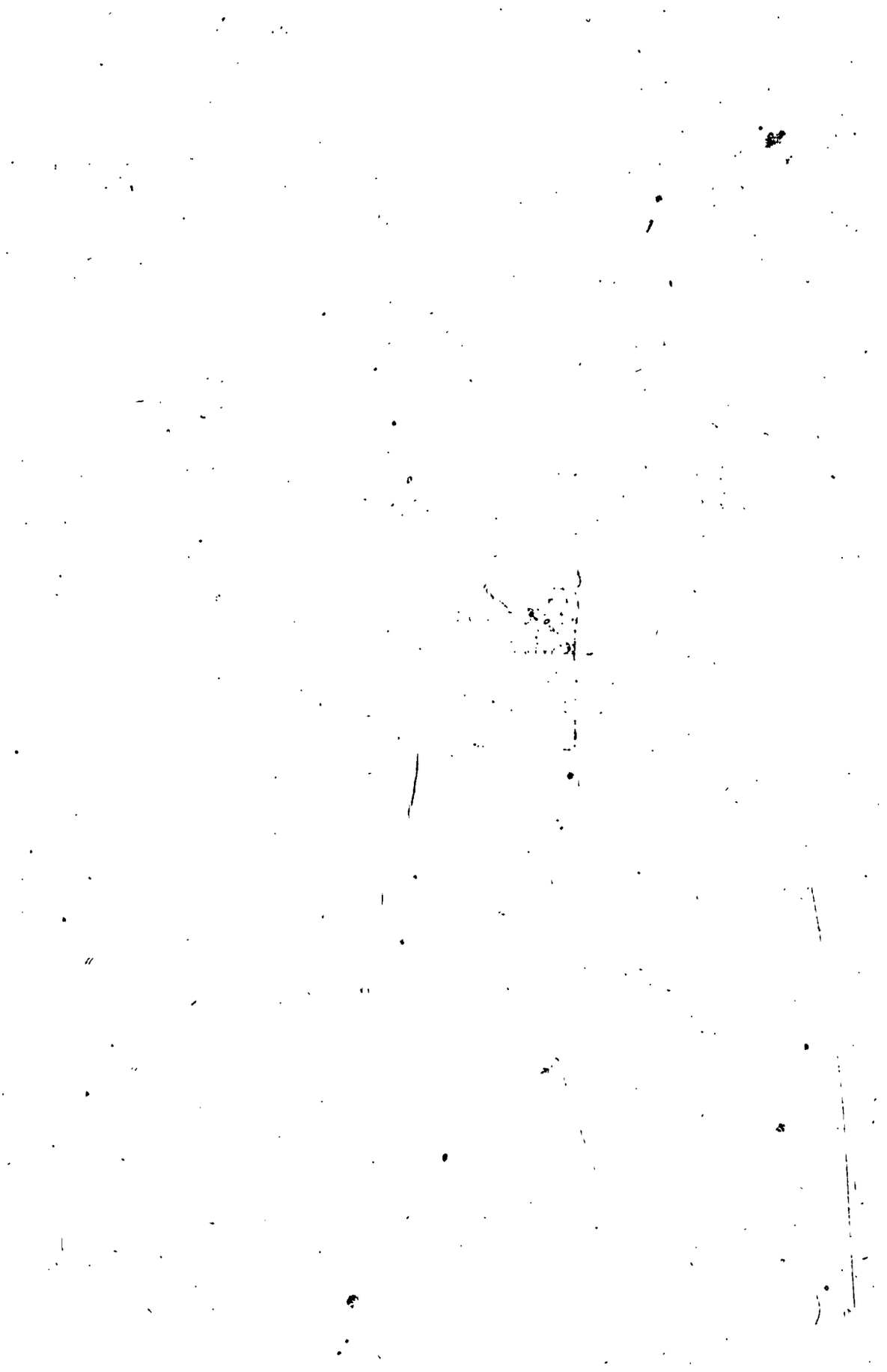
PRESIDENCY OF BOMBAY

1913.

[Price—8g. or 6d.]



Digitized with financial assistance from the
Government of Maharashtra
on 11 July, 2017



OFFICIAL AGENTS FOR THE SALE OF INDIAN OFFICIAL PUBLICATIONS.

In England.

Constable & Co., 10, Orange Street, Leicester Square, W. C., London.
Grindlay & Co., 54, Parliament Street, S. W., London.
Henry S. King & Co., 65, Cornhill, E. C., London.
P. S. King & Son, 2 & 4, Great Smith Street, Westminster, S. W., London.
Kegan Paul, Trench, Trübner & Co., 68-74, Carter Lane, E. C., London.
B. Quaritch, 11, Grafton Street, New Bond Street, W., London.
W. Thacker & Co., 2, Creed Lane, London, E. C.
Luzac & Co., 46, Great Russel Street, London, W. C.
B. H. Blackwell, 50 & 51, Broad Street, Oxford.
Deighton Bell & Co., Cambridge.
T. Fisher Unwin, 1, Adelphi Terrace, London, W. C.

On the Continent.

Friedlander & Sohn, 11, Carlstrasse, Berlin.
Otto Harrassowitz, Leipzig.
Karl W. Hiersemann, Leipzig.
Ernest Leroux, 28, Rué Bonaparte, Paris.
Martinus Nijhoff, The Hague.

In India.

Higginbotham & Co., Madras.
V. Kalyanarama Iyer & Co., Madras.
P. R. Rama Iyar & Co., Madras.
Thacker, Spink & Co., Calcutta.
W. Newman & Co., Calcutta.
S. K. Lahiri & Co., Calcutta.
R. Cambray & Co., Calcutta.
Thacker & Co. (Ld.), Bombay.
A. J. Combridge & Co., Bombay.
Deputy Superintendent, in charge Government Central Press, Bombay.
D. B. Taraporevala, Sons & Co., Bombay.
Sunder Pandurang, Bookseller, etc., Bombay.
Gopal Narayen & Co., Booksellers, etc., Bombay.
N. M. Tripathi & Co., Booksellers, etc., Bombay.
Mrs. Radhabai Atmaram Sagoon, Bookseller, etc., Bombay.
Ramchandra Govind & Son, Booksellers, etc., Bombay.
Bombay Tract and Book Society, Bombay.
N. B. Mathur, N. K. H. Press, Allahabad.

ANNUAL FACTORY REPORT

OF THE

PRESIDENCY OF BOMBAY,

1913.

No. F. I.-242 of 1914.

Bombay Collector's Office,
Factory Department,
Bombay, 26th June 1914.

A. H. A. SIMCOX, Esquire, B.A., I. C. S.,
Collector of Bombay,
Bombay;

To

The SECRETARY to GOVERNMENT,
General Department,
Bombay.

Sir,

I have the honour to forward the Chief Inspector of Factories' Annual Report.

2. I think it will be allowed that the amount of inspection work done is satisfactory and reflects credit on the staff. I much regret, however, that no inspections by District Magistrates in the mofussil are recorded. If this indicates that no inspections were made, it is, in my opinion, a matter which requires attention, for such inspections, however informal, enable the heads of districts to keep in touch with the large industries involved, to appreciate and assist the work of the professional Inspectors, and incidentally to discover many abuses.

3. Since I came to Bombay I have visited the majority of the mills and am glad to be able to record that there seems to be an excellent feeling between the Managers and the inspecting staff generally. There must, of course, be occasional friction, but it is acknowledged to be due to genuine differences of professional opinion. I may instance the case of the scutchers quoted by Mr. Engel. The matter was decided before I came. Had it not been so, I might very likely have taken a view different to that now authorized. But there are many arguments on both sides, and it is to the credit of all concerned that there was no suggestion of arbitrary interference.

4. I believe Mr. Engel is a little pessimistic as to ventilation. By taking up individual cases, great improvements may be made. Some are actually in progress at the present moment, and more are promised.

5. The most difficult question at the moment is that of child-labour to which Mr. Sale referred last year. I am glad to say that Managers are mostly ready, while deploring their own difficulties, to sympathise with those of the Certifying Surgeon and the inspecting staff. Some of them have begun to come up with suggestions of their own towards solving the problem and these are being gratefully received and tested. It is hoped that next year an improvement may be recorded. At present it appears that jobbers, parents and the children themselves are painfully devoid of morality.

I have the honour to be,
Sir,
Your most obedient servant,
A. H. A. SIMCOX,
Collector of Bombay.

PROVINCIAL REPORT UPON THE WORKING OF THE INDIAN FACTORIES ACT IN THE BOMBAY PRESIDENCY FOR THE YEAR 1913.

I.—Factories and their Inspection.

1. During the year under report the number of factories subject to control under the Act rose from 687 in the year 1912 to 743. The additional factories comprised :-in Bombay, 1 Soap Factory, 1 Cotton Press, 1 Dye Works, 1 Printing Press, 1 Lock and Safe Works and 1 Furniture Works; in Thána, 1 Oil Mill, 1 Printing Press and 1 Bone Crushing Factory; in Ahmedabad, 4 Cotton Spinning and Weaving Mills and 9 Ginning and Pressing Factories; in Kaira, 4 Ginning Factories; in Broach, 2 Cotton Presses; in Surat, 1 Ginning and 1 Press Factories; in Panch Maháls, 1 Ginning Factory; in Karáchi, 1 Flour Mill and 3 Printing Presses; in Nawábsháh, 1 Cotton Press; in Poona, 1 Printing Press and 1 Cabinet Making Works; in Sholápur, 1 Ginning Factory and 1 Cotton Mill (Sholápur Mill has been treated as two separate Factories); in Ahmednagar, 1 Ginning Factory; in Dhárwár, 13 Ginning and Pressing Factories; in Kolába, 1 Rice Mill—the first of its kind registered under the Act; in West Khándesh, 3 Ginning and 3 Pressing Factories; and in Násik, 1 Cotton Press. On the other hand, 20 factories—which were included in the register last year—have been removed from the list. These are : 2 Cotton Presses, 1 Engineering Works, 1 Iron Works, 1 Saw Mill, 1 Dye Works and 1 Electric Generating Power Station to which the Factory Act does not apply, all of which are in Bombay; 11 Ginning and Pressing Factories in East Khándesh which had been closed for a number of years, and 2 more Ginning Factories in Nawábshah District.

2. There were 698 factories at work as against 615 in the previous year. Of these, 312 were perennial and 431 were seasonal. Of the former 168 and of the latter 428 were connected with the cotton industry. 45 factories remained closed throughout the year (*vide* remarks in the statement attached).

3. The total number of operatives employed in the Presidency was 265,975 against 259,845 in the previous year, and of these, 211,421 were engaged in the cotton industry as against 208,288 in the year before.

4. The post of Chief Inspector of Factories was held by the undersigned during the year under report with the exception of a period of three months' privilege leave from 1st August to 31st October, during which time the post was held by Mr. Chambers in addition to his own duties.

The posts of First, Second, Third and Fourth inspectors of Factories were held by Messrs. Chambers, McCormack, Whitaker and Johnstone respectively—the last named joined the Department on the 28th March 1913.

The charges at present allotted to the Inspectors are as follows :—

To the 1st Inspector—the factories on the west of the G. I. P. Railway Line in the Island of Bombay and those in Thána, Poona, Sátára, Ahmednagar, Sholápur, Belgaum, Dhárwár, Bijápur and Kolába.

To the 2nd Inspector—the factories in Panch Maháls, Kaira, Broach, Surat and West Khándesh District excepting the Dhulia Táluka and part of the factories in Ahmedabad City.

To the 3rd Inspector—the factories in the Island of Bombay and Thána District lying on the east of the G. I. P. Railway Line and those in the districts of Násik, East Khándesh and the Dhulia Táluka of West Khándesh.

To the 4th Inspector—part of the factories in the Ahmedabad City and the Ahmedabad District and those situated in the Sind Province.

The post of the whole-time Certifying Surgeon for the Town and Island of Bombay and the district of Thána was held by Dr. J. H. Walsh from the beginning to the close of the year.

In other districts throughout the Presidency the certification of children has been carried out by medical officers appointed by Government.

5. Of the 743 factories, 312 were perennial; of which 217 were inspected more than three times, 57 were inspected three times, 33 twice, 4 were inspected once and one factory was not inspected. Of the seasonal factories which totalled 431, four were inspected more than three times, 9 were inspected three times, 142 twice, 225 once and 51 missed inspection. Of the last named, 16 were closed. One Pressing Factory was destroyed by fire in the first quarter of the year before it had been inspected.

All the inspections referred to above were performed by the whole-time Inspectors. In addition to these inspections 227 extra visits were made for purposes of inspection and enquiry.

II.—Sanitation.

6. Sanitary provisions were carefully attended to by Factory Managers and orders under this head were readily complied with in a satisfactory manner.

In Ahmedabad, several of the larger factories have provided flushing contrivances to their latrines and others intend connecting theirs with the drainage system as soon as it is brought within measurable distance of their premises.

In Bombay, in only one case was it found necessary to prosecute the Manager and Proprietor of a Printing Press who was convicted and fined Rs. 15 for breach of section 9 (*a*) of the Act.

The sufficiency of potable water for the use of the operatives was well maintained.

III.—Ventilation.

7. Efforts are being made by some of the millowners to improve the ventilation of their factories but the difficulty of attaining satisfactory results without some standard as a guide is obvious. Complaints have been recorded by the Inspector with regard to the excessive humidification resorted to in some factories, the owners of which remain stolidly indifferent, and nothing short of legislation will effect a general improvement.

IV.—Wages.

8. The usual statements of average wages for skilled and unskilled labour are attached in form A.

The figures were obtained by the whole-time Inspectors from the factories in their respective charges. There is little or no variation in the wages of the different classes of labour earning a fixed monthly wage from those of previous years; nor is there any evidence of a reduction in the wages of piece-workers, consequent on the lesser hours of work under the new Act. It must not, however, be assumed that the same amount of piece-work is turned out in the shorter day; the fact is that the rate of payment per unit of production has been increased to arrive at the wage earned when the mills worked for longer hours.

9. Strikes of a minor character occurred during the year owing to dispute in the adjustment of wages. The points at issue were in most instances conceded by the employers in view of the scarcity of mill labour.

V.—Employment of Women and Children.

10. The following table shews the number of women and children employed in the Town and Island of Bombay and the mofussil for the past five years :—

Year.	Women.			Children.		
	Bombay.	Mofussil.	Total.	Bombay.	Mofussil.	Total.
1909 ...	22,350	20,548	42,898	3,773	7,688	11,461
1910 ...	22,288	21,113	43,401	3,942	6,874	10,816
1911 ...	22,362	21,555	43,917	3,957	7,275	11,232
1912 ...	24 053	25,433	49,486	4,301	10,043	14,344
1913 ...	23,530	27,641	51,171	4,494	9,725	14,219

11. For the illegal employment of women and children it was necessary to institute the following prosecutions :—

In Dhulia Town, the Engineer of a Ginning and Pressing Factory was charged as the person responsible for the employment of women in a room containing a cotton opener in contravention of section 20 and a conviction obtained.

In Ahmedabad, one prosecution had to be instituted for the illegal employment of women and a conviction was obtained against the Manager.

In Bombay, prosecutions had to be instituted in six cases in as many factories for the employment of children without certificates or for working them in excess of the legal limit prescribed by the Act, and convictions were secured in all the cases except one.

In Poona, the Manager and the Occupier of a Printing Press were prosecuted and fined for employing children without having obtained certificates of age and physical fitness from the Certifying Surgeon.

The issue of frequent orders was necessary to enforce the adoption of the registers required under the Act, particularly those relating to employment of children, and in several instances prosecutions were successfully undertaken.

VI.—Fencing of Machinery.

12. The fencing of machinery was generally well maintained throughout the year, but it was necessary to institute legal proceedings under this head in thirteen cases in Bombay, two in Ahmedabad and one in Sholápur.

Serious accidents were reported to have occurred by contact with the beaters of scutchers through the dust chamber doors. A difference of opinion arose between millowners and the Inspectors on the application of Rule 21 (vi) to the doors referred to above.

Two cases against the Managers of mills in Bombay were decided by the Presidency Magistrate in favour of the Inspectors. Since then orders have been issued under section 18 (2) and all the mills in Bombay and Ahmedabad have adopted measures for providing these doors with guards which prevent access to the beaters.

VII.—Accidents.

13. The number and percentage of accidents for the past ten years is given below :—

Year.	Number of persons injured.				Average per 100 operatives employed.
	Fatal.	Serious.	Minor.	Total.	
1904	17	86	1,435	1,538	·83
1905	22	91	1,406	1,519	·76
1906	25	137	1,367	1,529	·71
1907	21	184	1,420	1,625	·75
1908	29	190	1,253	1,472	·84
1909	30	178	1,395	1,603	·70
1910	27	112	1,489	1,628	·70
1911	20	126	1,353	1,499	·63
1912	30	85	1,476	1,591	·61
1913	43	63	1,490	1,596	·59

The total number of accidents reported is very slightly above the figure for the previous year, and the lower percentage is accounted for by the increase in the number of persons employed in the factories newly added to the list as subject to inspection.

14. The fatal accidents reported amounted to 41, causing the death of 43 persons, the highest figure on record. Details shewing the cause of each are given below. Most of them are due to the gross carelessness of the victims, and are of a nature where preventive measures in the form of guards are unfortunately not possible, especially in respect to driving straps.

A.—Due to Machinery.

Bombay.

	No. of persons killed.
Falling on driving ropes	1
The man was engaged in attending to the humidifier pump. He lost his balance and fell between the driving ropes and the pulley.	
Caught between the hoist-cage and floor	1
In the absence of the hoist-man the deceased entered the hoist and while ascending looked out of the hoist-cage and had his head crushed between the hoist-floor and the wall above.	
Caught between driving belt and pulley	1
The man was endeavouring to replace a strap on a running pulley when he became entangled with the strap and was carried round the shaft.	
Breaking of twist drill	1
The man was working on a drilling machine when the twist drill broke and a piece of it struck him on the temple, severing an artery, from the consequences of which he died.	
Falling between a belt and pulley	1
The deceased, while attending to the oiling of some bearings, lost his balance and fell between a belt and running pulley.	
Falling on a carding engine	1
The operative died of the injuries sustained in falling against a carding engine when he was running out of the mill.	
Caught between feed-plate and roller	1
The man, while putting a lap of cotton on a carding engine, had the palm of his left hand caught between the feed-roller and plate. He died eleven days later from blood-poisoning.	
Caught between bobbin box of frame	1
The covers of the bobbin skew gear wheels of an intermediate frame were removed for oiling when the clothes of the boy attending to the opposite machine were caught by side wheels, causing injuries to his ribs.	

	No. of persons killed.
By strap and shafting	2
In one case, the operative, while replacing a strap on the line shaft in the loom shed, was entangled by the strap and carried up to the shafting.	
In the other case deceased was carried round a shaft on the end of which he was stupidly trying to dress a hank of yarn.	
Caught between a countershaft and platform	1
The man's right leg came between one of the countershafts and the wooden platform of the rope-alley of the weaving shed and he died of the injuries sustained.	
Caught between pulley and strap	1
In shifting a strap from the fast to the loose pulley on a carding engine his arm was caught between the strap and pulley and he was thrown against the machine receiving injuries to his head.	
Fall from a scaffolding	1
While hoisting some iron beams into position one of them struck the man and knocked him off the scaffolding.	
Fall from a hoist	1
Two men were in a hoist doing some repairs to the working gear when the hoist fell causing serious bodily injuries from which one of them died.	
Struck by driving strap	1
The deceased was killed by a stroke from a broken driving strap.	
Pressed between wooden platform and baling press	1
Instead of tightening the packing of the ram of a baling press, he slackened it with the result that the ram rose free of the cylinder and fell against him.	
Caught between pulley and shaft	1
While endeavouring to put a belt on a running pulley he got entangled and whirled round the shafting.	
Caught in tin rollers	1
The man was cleaning the floor beneath the tin rollers when the broom was caught between them and he was forcibly drawn against the frame-side and guards.	
Crushed between hoist and floor	1
The deceased leaned out of the hoist when it was ascending and had his head caught between the floor of the cage and the arch of the entrance to the hoist shaft.	
Belgaum.	
By revolving shaft	1
The victim, a girl, in passing got her sari entangled on the end of a shaft projecting through the engine room wall.	
Ahmedabad.	
Line shafting	2
A man engaged in removing planks from a scaffolding in the weaving shed was caught by a piece of hessian cloth which was entangled on the shafting, another man who endeavoured to help him by holding on to the hessian also became entangled with it.	
Driving belt of a loom	1
The man in endeavouring to replace the driving belt of a loom had his clothing caught between the belt and pulley. He was taken up to the shaft with the belt and fell on the stone floor, causing fracture of his skull.	
Belt driving the tallow pan	1
The deceased had his hand caught in replacing the belt driving the tallow pan. He was taken over the shafting and killed.	
Hoist	1
The breakage of the hoist ropes resulted in the man being crushed to death between the floor sill and the hoist in his endeavour to jump out.	
West Khándesh.	
Fly wheel of engine	1
In turning an engine to get the crank over the dead centre, the engine started by pressure of steam admitted through a leaky stop valve. The men engaged were thrown off and injured, one of whom died.	

No. of persons killed.

Karáchi.

Belt driving machine 1

The man was replacing the belt of a drilling machine when his right arm was caught. He was taken round the main shafting, the injuries received causing death on the way to hospital.

B.—*Not due to Machinery.*

Bombay.

Fall of a cloth bundling press 1

Inexperienced coolies were employed in dismantling a cloth baling press, when it overbalanced and fell on one of them causing fatal injuries to his head.

Fall into a soap boiling vat 1

The man attempted to walk across the top of a soap boiling vat and fell into it as the cover was not strong enough to bear his weight. He died the following day.

Fall from a scaffolding 1

A man employed in white-washing the wall in the weaving shed, fell from the scaffolding on to the end of a projecting shaft and thence to the floor. He died some hours later from internal injuries.

Fall from a window 1

The deceased left his work in the winding department and seated himself on a window sill. He must have leaned against the window which flew open and he fell out from the fifth floor of the mill.

Run over by a locomotive 1

The man was run over by a steam locomotive while shunting was going on in the yard.

Due to scalds 2

In the first case, the deceased entered and attempted to flush a boiler. The plates were hot and the steam generated scalded him, from the effects of which he died.

In the second case, the operative died of scalds received by a bursting of a cylinder on a drying machine.

Run over by a coal truck 1

The man was run over by a coal truck in the mill compound and received sovere injuries to his left leg. He died from the effects three days later.

Fall into a tank 1

The operative was washing his hands in the mill tank and fell in. He was rescued and removed to the hospital where he died.

Burnt 1

The body of a woman was found buried in the debris of a cotton pressing factory which was destroyed by fire.

Sholápur.

By drowning 1

The deceased found drowned in the mill tank. Suicide is suspected.

Dhárwár.

Buried under debris 2

Two coolies were working near a godown when one of the walls collapsed and fell on them. Both died from the injuries received.

Násik.

Due to scalds 1

Th European foreman of the Girder Works was enveloped by burning oil caused through the explosion of an oil gas cylinder with which he was experimenting.

Broach.

Fall into the engine hot well 1

A woman was walking near the hot well when she accidentally slipped and fell into it. She died from the effects of the scalds received.

Karáchi.

Run over by a locomotive 1

When endeavouring to cross the rails, the deceased was run over by a shunting engine.

VIII.—*Prosecutions.*

15. The prosecutions instituted in the Bombay Presidency amounted to 31 in all, of which 29 were at the instance of the whole-time Inspectors and two were started by District Magistrates.

Convictions were obtained in 28 cases, in two of which the accused were warned and discharged, and in the remaining 26 fines were imposed ranging from Rs. 5 to Rs. 100.

In two cases the accused were acquitted, and one case was withdrawn.

IX.—*General.*

16. There were very few fires of any importance, with the exception of one in Bombay which was responsible for the total destruction of the Akbar Cotton Press, and the death of one woman whose body was found the following day buried under the debris.

A serious fire also occurred in a Textile Mill in Ahmedabad in which the spinning room was gutted but personal injuries were not sustained by anyone.

17. A general strike of workmen employed in the workshops of the G. I. P. and B. B. & C. I. Railways took place in June 1913 and lasted a few days. The exact cause was difficult to ascertain but it is believed that the movement was a mark of sympathy with the strikers employed on the Madras Railway.

18. I have to express satisfaction with the work of the Factory Staff—particularly Mr. Chambers; and also with that of the Office Clerks in Bombay and Ahmedabad.

J. D. F. ENGEL,
Chief Inspector of Factories,
Bombay Presidency.

Factory Inspection Office,
Bombay, 12th June 1914.

STATEMENT TO ACCOMPANY ANNUAL PROVINCIAL REPORT ON THE WORKING OF THE FACTORIES ACT.

FORM A (Wages Statement).

	Bombay.		Ahmedabad.
	Per month.	Per month.	Per month.
1. Skilled labour—	Rs. a. p.	Rs a. p.	Rs. a. p.
Blacksmith	30 0 0 to	38 4 0	26 0 0
Fitter	40 0 0 „	40 4 0	23 0 0
Carpenter	30 0 0 „	35 10 0	26 0 0
Bricklayer	37 0 0 „	30 10 0	26 0 0
Mason	26 0 0 „	30 0 0	28 0 0
Weaver (man)	26 0 0 „	26 7 0	23 0 0
Spinner (man)	22 8 0 „	18 4 0	11 0 0
Dyer	22 8 0 „	.....	10 0 0
Engine-driver	30 0 0 „	60 15 0	20 0 0
Boiler-man	30 0 0 „	24 9 0	18 0 0
2. Unskilled labour—			
Messenger	9 8 0 „	11 8 0	9 0 0
Cooly (man)	13 0 0 „	12 11 0	10 0 0
Do. (woman)	6 8 0 „	7 0 0	7 0 0

J. D. F. ENGEL,
Chief Inspector of Factories,
Bombay Presidency.

Factory Inspection Office,
Bombay, 12th June 1914.

STATEMENT No. I.

STATEMENT

Enumeration of

Industry.	Town and Island of Bombay.	Ahmedabad.	Broach.	Kaira.	Panch Mahals.	Surat.	Thána.	East Khándesh.	West Khándesh.	Násik.
1. Government and Local Fund Factories.										
Arms and Ammunition ...	...	...	...	...	...	...	...	...	...	...
Arsenals ...	...	...	...	...	...	...	...	...	...	...
Boilers (erection and repair)	...	...	...	...	...	...	...	..	...	...
Brass foundry ...	...	...	...	...	...	...	...	...	...	...
Brick fields ...	...	...	...	...	...	...	...	...	...	...
Canal foundry and workshops	...	...	...	...	...	...	...	...	...	...
Carpentry ...	...	...	...	...	...	...	...	...	...	...
Clothing agencies ...	...	...	...	...	...	...	...	...	...	...
Distilleries ...	...	...	...	...	...	...	...	...	...	...
Dockyards ...	...	1	...	...	...	...	...	...	...	...
Engineerng workshops ...	...	1	...	...	...	...	...	...	...	...
Flour mills ...	...	...	...	...	...	...	...	...	...	...
Gas-works ...	...	...	...	...	...	...	...	...	...	...
Gun-carriage factories ...	...	...	...	...	...	...	...	...	...	...
Gun-powder factories ...	...	...	...	...	...	...	...	...	...	...
Harbour works ...	...	...	...	...	...	...	...	...	...	...
Iron works and foundries	...	...	...	...	...	...	...	...	...	...
Leather works ...	...	...	...	...	...	...	...	...	...	...
Mathematical instrument factories	...	...	...	...	...	...	...	...	...	...
Mints ...	...	1	...	...	...	...	...	...	...	...
Municipal works ...	...	1	...	...	...	...	...	...	...	...
Oil mills ...	...	...	...	...	...	...	...	...	...	...
Opium factories ...	...	...	...	...	...	...	...	...	...	...
Printing presses ...	...	2	...	...	...	...	...	...	...	...
Railway workshops ...	...	...	...	...	...	...	...	...	...	...
Sappers and Miners workshops	...	...	...	...	...	...	...	...	...	...
Stores factories ...	...	...	...	...	...	...	...	...	...	...
Telegraph works ...	...	...	...	...	...	...	...	...	...	...
Water-works ...	...	...	...	...	...	...	...	...	...	...
Total ...	6	...	...	...	...	...	...	...	...	...
2. All other Factories.										
Textiles. Cotton (Spinning, Weaving and other) Factories ...	80	57	5	2	...	3	2	2	...	...
Textiles. Hosiery ...	1	2	...	...	...	...	...	...	...	...
Textiles. Jute Mills ...	...	...	...	...	...	...	...	...	...	...
Textiles. Silk Mills ...	2	...	...	...	...	...	...	...	...	...
Textiles. Tent Factories ...	...	...	...	...	...	...	...	...	...	...
Textiles. Woollen Mills ...	2	...	...	...	...	...	...	...	...	...
Textiles. Miscellaneous ...	...	...	...	...	...	...	...	...	...	...
Total ...	85	59	5	2	...	3	2	2	...	...
Mineral. Aluminium ...	...	...	...	...	...	...	...	...	...	...
Mineral. Colliery Workshop...	...	...	...	...	...	...	...	...	...	...
Mineral. Iron and Brass Foundries	11	2	...	...	...	...	...	...	...	...
Mineral. Lock and Cutlery Works	2	...	...	...	...	...	...	...	...	...
Mineral. Metal Works ...	6	...	...	...	...	...	...	...	...	...
Mineral. Petroleum Refineries	...	...	...	...	...	...	...	...	...	...
Mineral. Tin Works ...	...	...	...	...	...	...	...	...	...	...
Mineral. Miscellaneous ...	...	...	...	...	...	...	...	...	...	...
Total ...	19	2	...	...	...	...	...	...	...	...

No. I.

Factories.

Poona.	Sholá-pur.	Ahmed-nagar.	Sátára.	Belgaum.	Bijápur.	Dhár-wár.	Kolába.	Hyder-abad.	Karáchi.	Sukkur.	Thar and Párkar.	Nawáb-sháh.	otal.	Total for the year 1912.
1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
1	...	...	...	...	...	...	...	...	...	...	...	...	2	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	1	...	...	...	5	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	1	...	...	...	12	11
2	7	...		2	...	3	...	...	...	...	...	...	165	160
...	...	...	...	...	...	...	...	...	...	...	...	...	3	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	7	...	...	2	...	3	...	...	...	...	...	...	172	167
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	1	...	...	...	15	17
...	...	...	...	...	...	...	...	...	...	...	...	...	2	1
3	...	...	...	...	...	...	...	...	...	...	...	...	9	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	1	...	...	...	26	27

STATEMENT

Enumeration of

Industry.		Town and Island of Bombay.	Ahmed-abad.	Broach.	Kaira.	Panch Mahals.	Surat.	Thána.	East Khán-desh.	West Khán-desh.	Násik.
2. All other Factories—continued.											
Trans-port.	Dockyards	3	...	...	...	...	...	...	...	...	...
	Railway workshops	5	...	...	..	...	...	...	1	...	2
	Tramway works	1	...	...	...	...	...	...	...	...	...
	Total	9	...	...	...	...	...	...	1	...	2
Food, Drink and Tobacco.	Biscuit Factories	...	...	...	...	...	...	...	...	...	...
	Breweries	...	...	...	...	...	...	...	...	...	...
	Coffee works	...	...	...	...	...	...	...	...	...	...
	Dairy farms	...	...	...	...	...	...	...	...	...	...
	Distilleries	...	...	...	...	...	...	...	...	...	...
	Flour mills	5	...	...	...	...	...	...	...	...	...
	Ice, Mineral and Aërated Water factories	...	...	...	...	...	...	...	...	...	...
	Rice mills	...	...	...	...	...	...	...	...	...	...
	Sugar factories	...	...	...	...	...	...	...	...	...	...
	Tobacco Factories	...	...	...	...	...	...	...	...	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...
	Total	5	...	...	...	...	...	...	...	...	...
Chemical Dyes, etc.	Bone mills	...	...	...	...	...	...	3	...	...	...
	Chemical works	...	...	...	...	...	...	...	...	...	...
	Dye-works	8	1	...	...	...	...	...	...	...	...
	Lac factories	...	...	...	...	...	...	...	...	...	...
	Oil mills	1	2	...	...	...	...	1	...	...	...
	Soap factories	1	...	...	...	...	...	...	...	...	...
	Total	10	3	...	...	...	...	4	...	...	...
Paper and Printing.	Paper mills	1	...	...	...	...	...	...	...	...	...
	Printing presses	16	...	...	...	...	1	1	...	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...
	Total	17	...	...	...	...	1	1	...	...	...
Processes relating to Wood, Stone and Glass.	Carpentry	...	...	...	...	...	...	...	...	...	...
	Cement works	...	...	...	...	...	...	...	...	...	...
	Coach-building works	...	...	...	...	...	...	...	...	...	...
	Furniture workshops	3	...	...	...	...	...	...	...	...	...
	Glass works	...	...	...	...	...	...	...	...	...	...
	Potteries	...	...	...	...	...	...	...	...	...	...
	Saw mills	2	...	...	...	...	...	...	...	...	...
	Stone works	...	...	...	...	...	...	...	...	...	...
	Tile factories	...	...	...	...	...	...	...	...	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...
	Total	5	...	...	...	...	...	...	...	...	...

No. I—*continued.*

Factories—continued.

Poona.	Sholá-pur.	Ahmed-nagar.	Sátára.	Belgaum.	Bijápur.	Dhár-wár.	Kolába.	Hyder-abad.	Karáchi.	Sukkur.	Thar and Párkar.	Nawáb-sháh.	Total.	Total for the year 1912.
...	...	...	...	...	...	...	...	...	...	...	...	...	3	3
1	1	...	...	...	...	1	...	...	2	2	...	...	15	15
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
1	1	...	...	...	...	1	...	...	2	2	...	...	19	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	3	2	...	...	10	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	...	...	...	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	1	...	3	2	...	...	12	9
...	...	...	...	...	...	...	...	...	1	...	...	...	4	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	9	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	4	3
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
...	...	...	...	...	...	...	...	...	1	...	...	...	18	15
1	...	...	...	...	...	...	...	...	...	...	...	...	2	2
3	...	...	...	...	...	...	...	...	3	...	...	...	24	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	3	...	...	...	26	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	4	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	2	3
1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	7	6

STATEMENT

Enumeration of

	Industry.	Town and Island of Bombay.	Ahmed-abad.	Broach.	Kaira.	Panch Mahals.	Surat.	Thána.	East Khán-desh.	West Khán-desh.	Násik.
2. *All other Factories*—concluded.											
Processes connected with Skins and Hides.	Leather works ...	...	....	...	...	...	...	...	...	...	...
	Tanneries ...	1	...	...	...	...	...	...	...	...	...
	Total ...	1	...	...	...	...	...	...	...	...	...
Miscellaneous.	Brush works ...	...	...	...	...	...	...	...	...	...	...
	Cotton ginning, cleaning and pressing mills.	10	19	35	4	1	24	...	128	67	10
	Engineering workshops ...	3	...	...	...	...	...	...	...	...	...
	Forage presses ...	...	...	...	...	...	...	...	...	...	...
	Gas works ...	2	...	...	...	...	...	...	...	...	...
	Hat works ...	...	...	...	...	...	...	...	...	...	...
	Jewellery workshops ...	...	...	...	...	...	...	...	...	...	...
	Jute presses ...	...	...	...	...	...	...	...	...	...	...
	Kerosine tinning and packing works.	4	...	...	...	...	...	...	...	...	...
	Match factories ...	...	1	...	...	...	...	...	...	...	...
	Rope works ...	...	...	...	...	...	...	...	...	...	...
	Silk Filatures ...	...	...	...	...	...	...	...	...	...	...
	Umbrella factory ...	...	...	...	...	...	...	...	...	...	...
	Electric works ...	1	...	...	...	...	...	...	...	...	...
	Motor works ...	2	...	...	...	...	...	...	...	...	...
	Surgical instrument factory.	1	...	...	...	...	...	...	...	...	...
	Total ...	23	20	35	4	1	24	...	128	67	10
	Grand Total ...	180	84	40	6	1	28	7	131	67	12

No. I—*concluded.*

Factories—concluded.

Poona.	Sholá-pur.	Ahmed-nagar.	Sátára.	Belgaum.	Bijápur.	Dhárwár.	Kolába.	Hyder-abad.	Karáchi.	Sukkur.	Thar and Párkar.	Nawáb-sháh.	Total.	Total for the year 1912.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	13	18	2	15	11	38	...	14	1	...	6	17	428	388
...	...	...	...	...	...	...	...	...	2	...	...	...	5	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	3	...	...	...	7	7
...	...	...	1	1	...	...	...	...	...	...	...	...	3	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
1	13	18	3	16	11	38	...	14	6	...	6	17	450	411
20	21	13	3	18	11	42	1	14	17	4	6	17	743	687

STATEMENT

Average daily number of persons

Industry.	Town and Island of Bombay.	Ahmedabad.	Broach.	Kaira.	Panch Mahals.	Surat.	Thána.	East Khándesh.	West Khándesh.	Nasik.	Poona.
1. Government and Local Fund Factories.											
Arms and Ammunition ...	...	...	...	...	...	...	...	...	...	...	1,884
Arsenals	...	...	...	...	...	...	...	...	...	...	467
Boilers (erection and repair) ...	...	...	...	...	...	...	...	...	...	...	...
Brass foundry	...	...	...	...	...	...	...	...	...	...	...
Brick fields	...	...	...	...	...	...	...	...	...	...	...
Canal foundry and workshops ...	...	...	...	...	...	...	...	...	...	...	...
Carpentry	...	...	...	...	...	...	...	...	...	...	...
Clothing agencies	...	...	...	...	...	...	...	...	...	...	...
Distilleries	...	...	...	...	...	...	...	...	...	...	...
Dockyards	1,495	...	...	...	...	...	...	...	...	...	...
Engineering workshops ...	1,504	...	...	...	...	...	...	...	...	...	...
Flour mills	...	...	...	...	...	...	...	...	...	...	...
Gas-works	...	...	...	...	...	...	...	...	...	...	...
Gun-carriage factories ...	...	...	...	...	...	...	...	...	...	...	...
Gun-powder factories	...	...	...	...	...	...	...	...	...	...	...
Harbour works	...	...	...	...	...	...	...	...	...	...	...
Iron works and foundries ...	...	...	...	...	...	...	...	...	...	...	...
Leather works	...	...	...	...	...	...	...	...	...	...	...
Mathematical instrument factories .	...	...	...	...	...	...	...	...	...	...	...
Mints	752	...	...	...	...	...	...	...	...	...	...
Municipal works	290	...	...	...	...	...	...	...	...	...	50
Oil mills	...	...	...	...	...	...	...	...	...	...	...
Opium factories	...	...	...	...	...	...	...	...	...	...	...
Printing presses	800	...	...	...	...	...	...	...	...	...	461
Railway workshops	...	...	...	...	...	...	...	...	...	...	...
Sappers and Miners workshops ...	...	...	...	...	...	...	...	...	...	...	...
Stores factories	...	...	...	...	...	...	...	...	...	...	...
Telegraph works	...	...	...	...	...	...	...	...	...	...	...
Water-works	...	...	...	...	...	...	...	...	...	...	...
Total ...	4,841	...	...	...	...	...	...	...	...	...	2,862
2. All other Factories.											
Textiles. Cotton (Spinning, Weaving and other) factories ...	108,686	36,299	3,180	1,228	...	1,605	4,423	2,008	...	...	1,376
Textiles. Hosiery	40	99	...	...	...	...	...	...	...	...	...
Textiles. Jute mills	...	...	...	...	...	...	...	...	...	...	...
Textiles. Silk mills	1,226	...	...	...	...	...	...	...	...	...	...
Textiles. Tent factories	...	...	...	...	...	...	...	...	...	...	...
Textiles. Woollen mills	362	...	...	...	...	...	...	...	...	...	...
Textiles. Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
Total ...	110,314	36,398	3,180	1,228	...	1,605	4,423	2,008	...	...	1,376
Mineral. Aluminium	...	...	...	...	...	...	...	...	...	...	...
Mineral. Colliery workshop ...	...	...	...	...	...	...	...	...	...	...	...
Mineral. Iron and Brass foundries ...	3,110	333	...	...	...	...	...	...	...	...	32
Mineral. Lock and Cutlery works ...	330	...	...	...	...	...	...	...	...	...	...
Mineral. Metal works	831	...	...	...	...	...	...	...	...	...	109
Mineral. Petroleum Refineries ...	...	...	...	...	...	...	...	...	...	...	...
Mineral. Tin works	...	...	...	...	...	...	...	...	...	...	...
Mineral. Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
Total ...	4,271	333	...	...	...	...	...	...	...	...	141

No. II.

employed by different Industries.

Sholá-pur.	Ahmed-nagar.	Sátára.	Belgaum.	Bijápur.	Dhárwár.	Kolaba.	Hyder-abad.	Karáchi.	Sukkur.	Thar and Párkar.	Nawáb-sháh.	Total.	Total for the year 1912.	Remarks.
...	...	...	...	...	...	...	...	...	...	...	...	1,884	2,066	
...	...	...	...	...	...	...	...	...	...	...	...	467	415	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	1,495	1,416	
...	...	...	...	...	...	...	...	...	...	...	...	1,504	1,003	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	752	816	
...	...	...	...	...	...	...	...	...	...	...	...	340	334	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	188	...	...	...	1,449	1,385	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
7,891	...	...	...	...	...	...	..	188	...	...	...	7,891	7,435	
18,552	...	...	1,830	...	2,377	...	...	...	...	...	...	176,564	180,620	
...	...	...	...	...	...	...	...	...	...	...	..	139	152	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	1,226	1,242	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	362	444	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
18,552	...	...	1,830	...	2,377	...	...	...	...	...	...	178,291	182,467	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	59	...	...	...	3,534	3,732	
...	...	...	...	...	...	...	...	...	...	...	...	330	210	
...	...	...	...	...	...	...	...	...	...	...	...	940	996	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	59	...	...	...	4,804	4,938	

STATEMENT

Average daily number of persons

Industry.		Town and Island of Bombay.	Ahmed-abad.	Broach.	Kaira.	Panch Mahals.	Surat.	Thána.	East Khán-desh.	West Khán-desh.	Násik.	Poona.
2. All other Factories—continued.												
Transport.	Dockyards	1,408	...	...	...	...	...	...	...	...	...	...
	Railway workshops ...	14,189	...	...	...	...	...	...	1,377	...	736	303
	Tramway works ...	350	...	...	...	...	...	...	...	...	...	...
	Total ...	15,947	...	...	...	...	...	...	1,377	...	736	303
Food, Drink and Tobacco.	Biscuit factories ...	...	...	...	...	...	...	...	...	...	...	...
	Breweries	...	...	...	...	...	...	...	...	...	...	104
	Coffee works	...	...	...	...	...	...	...	...	...	...	...
	Dairy farms	...	...	...	...	...	...	...	...	...	...	...
	Distilleries	...	...	...	...	...	...	...	...	...	...	...
	Flour mills	557	...	...	...	...	...	...	...	...	...	...
	Ice, Mineral and Aërated water factories ...	...	...	...	...	...	...	...	...	...	...	...
	Rice mills	...	...	...	...	...	...	...	...	...	...	...
	Sugar factories ...	...	...	...	...	...	...	...	...	...	...	...
	Tobacco factories ...	...	...	...	...	...	...	...	...	...	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
	Total ...	557	...	...	...	...	...	...	...	...	...	104
Chemical Dyes, etc.	Bone mills	...	...	...	...	...	..	542	...	...	...	...
	Chemical works ...	...	...	...	...	...	...	...	...	...	...	...
	Dye works	1,714	(*a*)	...	...	...	...	...	...	...	...	...
	Lac factories	...	...	...	...	...	...	...	...	...	...	...
	Oil mills	182	152	...	...	...	...	190	...	...	...	...
	Soap factories	22	...	...	...	...	...	...	...	...	...	...
	Total ...	1,918	152	...	...	...	...	732	...	...	...	...
Paper and Printing.	Paper mills	50	...	...	...	...	...	...	...	...	...	244
	Printing presses ...	3,815	...	...	...	...	51	91	...	...	...	325
	Miscellaneous... ...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	3,865	...	...	...	...	51	91	...	...	...	569
Processes relating to Wood, Stone and Glass.	Carpentry	...	...	...	...	...	...	...	...	...	...	...
	Cement works... ..	...	...	...	...	...	...	...	...	...	...	...
	Coach building works ...	...	...	...	...	...	...	...	...	...	...	...
	Furniture workshops ...	344	...	...	...	...	...	...	...	...	...	30
	Glass works	...	...	...	...	...	...	...	...	...	...	...
	Potteries	...	...	...	...	...	...	...	...	...	...	...
	Saw mills	469	...	...	...	...	...	...	...	...	...	...
	Stone works	...	...	...	...	...	...	...	...	...	...	43
	Tile factories	...	...	...	...	...	...	...	...	...	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...	...
	Total ...	813	...	...	...	...	...	...	...	...	...	73

No. II—*continued.*

employed by different Industries—continued.

Sholá-pur.	Ahmed-nagar.	Sátára.	Belgaum	Bijápur.	Dhárwár.	Kolába.	Hyder-abad.	Karáchi.	Sukkur.	Thar and Párkar.	Nawáb-sháh.	Total.	Total for the year 1912.	Remarks.
...	...	...	...	...	...	...	...	...	...	...	...	1,408	1,359	
123	...	...	...	...	2,680	...	...	2,135	2,156	...	...	23,699	22,514	
...	...	...	...	...	...	...	...	...	...	...	...	350	275	
123	...	...	...	...	2,680	...	...	2,135	2,156	...	...	25,457	24,148	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	104	121	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	262	244	...	...	1,063	865	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	262	244	...	...	1,167	986	
...	...	...	...	...	...	...	...	535	...	...	...	1,077	971	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	1,714	1,523	(a) Figures for this factory are included in the main concern of the cotton mill.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	524	349	
...	...	...	...	...	...	...	...	...	...	...	...	22	...	
...	...	...	...	...	...	...	...	535	...	...	...	3,337	2,843	
...	...	...	...	...	...	...	...	...	...	...	...	294	263	
...	...	...	...	...	...	...	...	252	...	...	...	4,534	4,057	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	252	...	...	...	4,828	4,320	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	374	175	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	469	457	
...	...	...	...	...	...	...	...	...	...	...	...	43	39	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	886	671	

STATEMENT

Average daily number of persons

	Industry.	Town and Island of Bombay.	Ahmedabad.	Broach.	Kaira.	Panch Mahals.	Surat.	Thana.	East Khandesh.	West Khandesh.	Nasik.	Poona.
2. All other Factories—concluded.												
Processes connected with Skins and Hides.	Leather Works ...	...	...	...	...	...	...	...	...	...	...	...
	Tanneries ...	357	...	...	...	...	...	...	...	...	...	...
	Total ...	357	...	...	...	...	...	...	...	...	...	...
Miscellaneous.	Brush Works ...	...	...	...	...	...	...	...	...	...	...	...
	Cotton ginning, cleaning and pressing Mills.	936	1,629	3,584	193	...	1,847	...	10,062	5,789	718	...
	Engineering Workshops ...	947	...	...	...	...	...	...	...	...	...	...
	Forage Presses ...	...	...	...	...	...	...	...	...	...	...	...
	Gas Works ...	517	...	...	...	...	...	...	...	...	...	...
	Hat Works ...	...	...	...	...	...	...	...	...	...	...	...
	Jewellery Workshops ...	...	...	...	...	...	...	...	...	...	...	...
	Jute Presses ...	...	...	...	...	...	...	...	...	...	...	...
	Kerosine tinning and packing works.	1,139	...	...	...	...	...	...	...	...	...	...
	Match Factories ...	...	214	...	...	...	...	...	...	...	...	...
	Rope Works ...	...	...	...	...	...	...	...	...	...	...	...
	Silk Filatures ...	...	...	...	...	...	...	...	...	...	...	...
	Umbrella Factory ...	...	...	...	..	...	...	...	...	...	...	56
	Electric Works ...	58	...	...	...	...	...	...	...	...	...	...
	Motor Works ..	260	...	...	...	...	...	...	...	...	...	...
	Surgical Instrument Factory.	75	...	...	...	...	...	...	...	...	...	...
	Total ...	3,932	1,843	3,584	193	...	1,847	...	10,062	5,789	718	56
	Grand Total ...	146,815	38,726	6,764	1,421	...	3,503	5,246	13,447	5,789	1,454	5,484

No. II—concluded.

employed by different Industries—concluded.

Sholá-pur.	Ahmed-nagar.	Sátára.	Belgaum.	Bijápur.	Dhárwár.	Kolaba.	Hyder-abad.	Karáchi.	Sukkur.	Thar and Párkar.	Nawáb-sháh.	Total.	Total for the year 1912.	Remarks.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	357	384	
...	...	...	...	...	...	...	...	...	...	...	...	357	384	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
945	920	242	930	877	2,200	...	1,406	...	...	1,144	1,296	34,718	27,507	
...	...	...	...	...	...	...	...	489	...	...	...	1,436	1,151	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	517	544	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	414	...	...	...	1,553	1,550	
...	...	34	36	...	...	...	...	...	...	...	...	284	352	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	56	61	
...	...	...	...	...	...	...	...	...	...	...	...	58	158	
...	...	...	...	...	...	...	...	...	...	...	...	260	253	
...	...	...	...	...	...	...	...	...	...	...	...	75	77	
945	920	276	966	877	2,200	...	1,406	903	...	1,144	1,296	38,957	31,653	
14,620	920	276	2,796	877	7,257	...	1,406	4,334	2,400	1,144	1,296	265,975	259,845	

STATEMENT

Average daily number

Industry.	Town and Island of Bombay.	Ahmedabad.	Broach.	Kaira.	Panch Mahals.	Surat.	Thána.	East Khándesh.	West Khándesh.	Násik.	Poona.	Sholápur.
All Industries.												
Adults—												
Males	118,791	29,457	4,351	1,091	...	2,026	3,353	8,244	3,042	1,057	4,615	8,779
Females	23,530	4,973	1,972	184	...	1,232	1,277	4,997	2,743	377	330	3,891
Total ...	142,321	34,430	6,323	1,275	...	3,258	4,630	13,241	5,785	1,434	4,945	12,670
Children—												
Males	3,269	3,186	373	121	...	127	428	206	4	20	539	1,522
Females	1,225	1,110	68	25	...	118	188	...	...	...	...	428
Total ...	4,494	4,296	441	146	...	245	616	206	4	20	539	1,950
Total Average Daily Number ...	146,815	38,726	6,764	1,421	...	3,503	5,246	13,447	5,789	1,454	5,484	14,620
Cotton Spinning and Weaving Mills.												
Adults—												
Males	82,017	27,705	2,208	949	...	1,142	2,833	1,587	...	...	1,093	8,119
Females	22,402	4,325	542	158	...	267	980	215	...	...	215	3,483
Total ...	104,419	32,030	2,750	1,107	...	1,409	3,813	1,802	...	...	1,308	11,602
Children—												
Males	3,046	3,163	368	106	...	108	422	206	...	...	68	1,522
Females	1,221	1,106	62	15	...	88	188	...	...	...	..	428
Total ...	4,267	4,269	430	121	...	196	610	206	...	...	68	1,950
Total Average Daily Number ...	108,686	36,299	3,180	1,228	...	1,605	4,423	2,008	...	...	1,376	13,552
Jute Mills.												
Adults—												
Males	...	...	...	...	...	...	...	...	...	...	...	...
Females	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...	...	...
Children—												
Males	...	...	...	...	...	...	...	...	...	...	...	...
Females	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...	...	...
Total Average Daily Number ...	...	...	...	...	...	...	...	...	...	...	...	...

No. III.

of persons employed.

Ahmednagar.	Sátára.	Belgaum.	Bijápur.	Dhárwár.	Kolába.	Hyderabad.	Karáchi.	Sukkur.	Thar and Párkar.	Nawábsháh.	Total.	Total for the year 1912.	Remarks.
410	187	1,360	386	4,727	...	650	3,963	2,337	927	832	200,585	196,015	
506	84	1,150	491	1,826	...	629	348	60	197	374	51,171	49,486	
916	271	2,510	877	6,553	...	1,279	4,311	2,397	1,124	1,206	251,756	245,501	
4	4	163	...	603	...	66	23	3	20	58	10,739	10,754	
...	1	123	...	101	...	61	...	...	...	32	3,480	3,590	
4	5	286	...	704	...	127	23	3	20	90	14,219	14,344	
920	276	2,796	877	7,257	...	1,406	4,334	2,400	1,144	1,296	265,975	259,845	
...	...	947	...	1,444	...	...	...	...	...	...	130,044	132,533	
...	...	670	...	690	...	...	...	...	...	...	33,947	35,245	
...	...	1,617	...	2,134	...	...	...	...	...	...	163,991	167,778	
...	...	120	...	153	...	...	...	...	...	...	9,282	9,411	
...	...	93	...	90	...	...	...	...	...	...	3,291	3,440	
...	...	213	...	243	...	...	...	...	...	...	12,573	12,851	
...	...	1,830	...	2,377	...	...	...	...	...	...	176,564	180,629	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	

STATEMENT

Shifts and

District.	Number of Factories.					
	Allowing interval after 6 hours' work.	Working on a system of shifts.	Exempted under Part C, Schedule 1 of Act.	Exempted by Local Government under Section 21 (3) (c).	Worked otherwise.	Total.
Bombay	167	4	8	...	...	179
Ahmedabad	82	1	...	...	...	83
Broach	36	2	...	...	...	38
Kaira	5	...	...	...	...	5
Panch Maháls	...	...	...	...	...	...
Surat	25	...	...	...	...	25
Thána	6	1	...	...	...	7
East Khándesh	84	28	...	...	...	112
West Khándesh	46	9	...	...	...	55
Násik	9	1	...	...	...	10
Poona	20	...	...	...	...	20
Sholápur	19	1	...	...	...	20
Ahmednagar	12	1	...	...	...	13
Sátára	2	1	...	...	...	3
Belgaum	18	...	...	...	...	18
Bijápur	11	...	...	...	...	11
Dhárwár	42	...	...	...	...	42
Kolába	...	...	...	...	...	...
Hyderabad	9	1	...	...	...	10
Karáchi	13	...	3	...	...	16
Sukkur	3	...	1	...	...	4
Thar and Párkar...	4	2	...	...	...	6
Nawábsháh	9	1	...	...	...	10
Total ...	622	53	12	...	...	687
Total for the year 1912 ...	531	39	11	...	24	605

No. IV.

Holidays.

Number of Factories.							Remarks.
Allowing holiday invariably on Sunday.	Allowing holiday on Sunday or a substituted day.	Exempted under Part B of Schedule II of the Act.	Exempted by Local Government under Section 22 (4) (c).	Exempted by Local Government under Section 22 (4) (d)	Worked otherwise.	Total.	
57	120	2	...	...	...	(a) 179	(a) One factory was destroyed by fire.
6	77	...	...	...	...	(b) 83	(b) One factory remained closed.
1	37	...	...	...	...	(c) 38	(c) Two factories remained closed.
2	3	...	...	...	...	(d) 5	(d) One factory did not furnish information.
...	...	...	...	...	...	(e) ...	(e) Do. do.
7	18	...	...	...	...	(f) 25	(f) Two factories remained closed and one did not furnish information.
2	5	...	...	...	...	7	
21	91	...	...	...	...	(g) 112	(g) Nineteen factories remained closed.
3	52	...	...	...	...	(h) 55	(h) Eleven factories remained closed and one did not furnish information.
2	8	...	...	...	...	(i) 10	(i) Two factories remained closed.
12	8	...	...	...	...	20	
3	17	...	...	...	...	(j) 20	(j) One factory remained closed.
2	11	...	...	...	...	13	
1	2	...	...	...	...	3	
3	15	...	...	...	...	18	
2	9	...	...	...	...	11	
7	35	...	...	...	...	42	
...	...	...	...	...	...	(k) ...	(k) One factory remained closed.
8	2	...	...	...	...	(l) 10	(l) Two factories remained closed and two did not furnish information.
14	2	...	...	...	...	(m) 16	(m) One factory remained closed.
3	1	...	...	...	...	4	
4	2	...	...	...	...	6	
10	...	...	...	...	...	(n) 10	(n) Three factories remained closed and four did not furnish information.
170	515	2	...	...	...	687	
157	443	2	...	...	3	605	

STATEMENT No. V.

Accidents.

District.	Fatal.	Serious.	Minor.	Total.	Remarks.
Bombay	29	25	1,068	1,122	
Ahmedabad	5	12	111	128	
Broach	1	...	4	5	
Kaira	...	...	4	4	
Panch Mahals	...	...	...	...	
Surat	...	...	6	6	
Thána	...	4	20	24	
East Khándesh	...	1	19	20	
West Khándesh	1	1	5	7	
Násik	1	...	8	9	
Poona	...	1	39	40	
Sholápur	1	5	58	64	
Ahmednagar	...	...	...	...	
Sátára	...	...	...	...	
Belgaum	1	...	...	1	
Bijápur	...	...	...	...	
Dhárwár	2	6	83	91	
Kolába	...	...	...	...	
Hyderabad	...	...	...	...	
Karáchi	2	4	32	38	
Sukkur	...	3	29	32	
Thar and Párkar	...	1	1	2	
Nawábsháh	...	...	3	3	
Total ...	43	63	1,490	1,596	
Total for the year 1912 ...	30	85	1,476	1,591	

STATEMENT No. VI.

STATEMENT

Convic

District.	Number of persons						
	Section 41 (*a*).	Section 41 (*b*).	Section 41 (*c*).	Section 41 (*d*).	Section 41 (*e*).	Section 41 (*f*).	Section 41 (*g*).
Bombay	8	1	...	...	...	11	...
Ahmedabad	1	...	...	...	...	2	...
Broach	...	...	...	...	...	...	...
Kaira	...	...	...	...	...	...	...
Panch Mahals	...	...	...	...	...	...	...
Surat	1	...	...	...	...	...	...
Thána	...	...	1	...	...	...	...
East Khándesh	...	...	...	...	...	...	...
West Khándesh	2	...	...	...	...	...	...
Násik	...	...	...	...	...	...	...
Poona	2	...	...	...	...	...	...
Sholápur	...	...	...	...	...	1	...
Ahmednagar	...	...	...	...	...	...	...
Sátára	...	...	...	...	...	...	...
Belgaum	...	...	...	...	...	...	...
Bijápur	...	...	...	...	...	...	...
Dhárwár	...	...	...	...	...	...	...
Kolába ...	...	...	...	...	...	...	...
Hyderabad ...	...	...	...	...	...	...	...
Karáchi ...	...	...	...	...	...	...	...
Sukkur	...	...	...	...	...	...	...
Thar and Párkar	...	...	...	...	...	...	...
Nawábsháh	...	...	...	...	...	...	...
Total ...	14	1	1	...	...	14	...
Total for the year 1912 ...	...	...	1	...	...	1	2

Note.—In this column should be noted the number of cases in which any person other than the

No. VI.

tions.

convicted during the year under									Grand Total.	Remarks.*
Section 41 (*h*).	Section 41 (*i*).	Section 41 (*j*).	Total.	Section 43 (*a*).	Section 43 (*b*).	Section 43 (*c*).	Total.	Section 44.		
1	...	...	21	...	...	1	1	...	(*a*) 22	The persons convicted under this head were:— (*a*) 8 Jobbers, 1 Time-keeper, 1 Carding Master and 1 Secretary.
...	...	...	3	...	...	...	...	...	(*b*) 3	(*b*) The person convicted was an Engineer.
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	1	...	...	...	...	...	1	
...	...	...	1	...	...	...	...	...	1	
...	...	...	...	...	...	...	...	..	...	
...	...	...	2	...	...	...	...	...	(*c*) 2	(*c*) Do. do.
...	...	...	...	...	...	...	...	...	...	
...	...	...	2	...	...	...	...	...	2	
...	...	...	1	...	...	...	...	...	(*d*) 1	(*d*) The person convicted was the Spinning Master.
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	
1	...	...	31	...	...	1	1	...	32	
3	2	...	9	...	...	...	...	...	9	

ccupier or manager of a factory has been convicted in accordance with the provisions of section 42.

Digitized with financial assistance from the Government of Maharashtra on 11 July, 2017

STATEMENT No. VII.

Inspections.

District.	Number of Factories inspected during the year.					Not inspected.	Grand Total.	Remarks.
	Once.	Twice.	Thrice.	More than three times.	Total.			
Bombay	4	24	41	110	179	1	180	
Ahmedabad ...	14	4	7	56	81	3	84	
Broach	9	...	3	2	14	26	40	
Kaira	4	...	...	2	6	...	6	
Panch Maháls ...	1	...	...	...	1	...	1	
Surat	14	1	1	2	18	10	28	
Thána	1	2	3	1	7	...	7	
East Khándesh ...	35	90	...	3	128	3	131	
West Khándesh ...	35	28	1	...	64	3	67	
Násik	10	...	...	2	12	...	12	
Poona	...	1	2	17	20	...	20	
Sholápur	9	5	...	7	21	...	21	
Ahmednagar ...	5	3	...	...	8	5	13	
Sátára	...	2	1	...	3	...	3	
Belgaum	8	7	...	3	18	...	18	
Bijápur	11	...	...	...	11	...	11	
Dhárwár	36	2	2	2	42	...	42	
Kolába	..	1	...	...	1	...	1	
Hyderabad ...	10	2	2	...	14	...	14	
Karáchi	...	3	2	11	16	1	17	
Sukkur	...	...	1	3	4	...	4	
Thar and Párkar ...	6	...	...	...	6	...	6	
Nawábsháh ...	17	...	...	...	17	...	17	
Total ...	229	175	66	221	691	52	743	
Total for the year 1912.	130	75	44	225	474	213	687	

Factory Inspection Office,
Bombay, 12th June 1914.

J. D. F. ENGEL,
Chief Inspector of Factories,
Bombay Presidency.

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.